



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Sunday, June 21, 2015

Issued: 0800 CT

Day 1 Hazards: No significant weather hazards.

River Flood Hazards: Major river flooding is occurring or forecast to occur along the Red River in North TX/Southern OK. Major river flooding continues at Liberty on the Trinity River in SE TX.

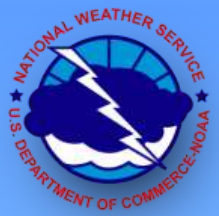
National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



River Flood Situation

- Several rivers in OK are in moderate flood stage, but have already crested and will continue falling today
- The Red River at Gainesville has crested and will continue a slow fall
- The Red River downstream of Lake Texoma will continue to rise in the next week
 - Lake Texoma continues to rise to near record pool stages in the next few days
 - When it crests, we'll have a better understanding of what it might do to points downstream (ie – Shreveport)
- The Trinity will remain in Minor/Moderate (Major at Liberty) Flood Stage this week
- The West Fork San Jacinto River near Porter is at major flood stage; water over roads & lowland flooding

Today through Thursday

- Scattered showers and storms possible each day across the Region, but significant weather and/or impacts are not expected
 - An increase in thunderstorm activity is expected over NM on Wednesday, some isolated areas of heavy rainfall are possible

Tropical Outlook

- Tropical cyclone formation is not expected during the next 5 days

*FEMA Region 6 Threat Matrix

Jun 21, 2015 - Jun 25, 2015

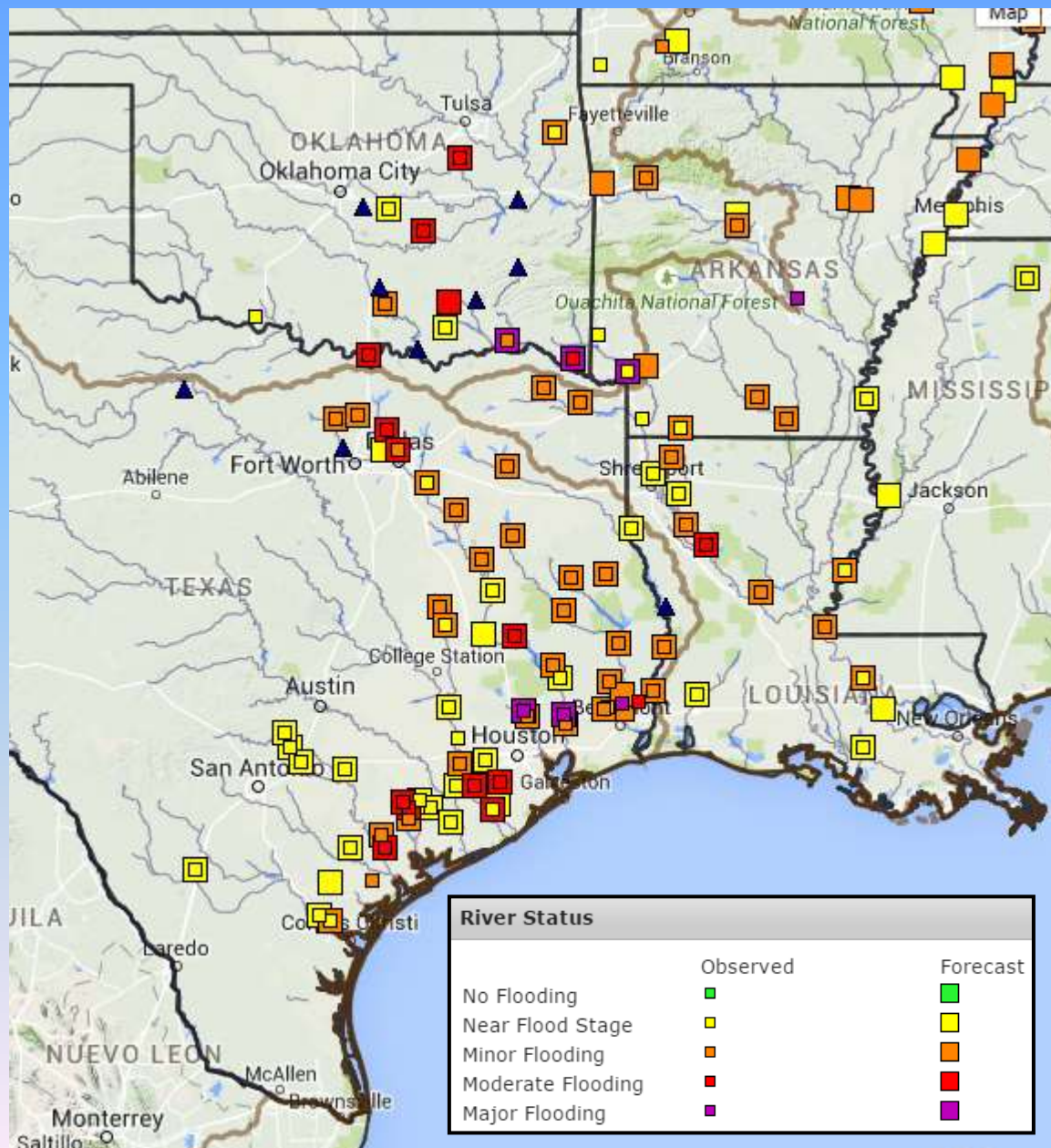
| DAY/ THREAT | SUN | MON | TUE | WED | THU |
|----------------------------------|-----------------------------|-----|-----|-----|-----|
| Severe Storms | | | | | |
| Heavy Rain /Flash Flooding | | | | NM | |
| Tropical | | | | | |
| River Flooding | E TX, E OK, NW LA, SW AR | | | | |

| | |
|--|-----------------------------------|
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



Current River Status / Near Term Forecast



- Several rivers in OK are in moderate flood stage, but have already crested and will continue falling today
- The Red River at Gainesville has crested and will continue a slow fall
- The Red River downstream of Lake Texoma will continue to rise in the next week
 - Lake Texoma continues to rise to near record pool stages in the next few days
 - When it crests, we'll have a better understanding of what it might do to points downstream (ie – Shreveport)
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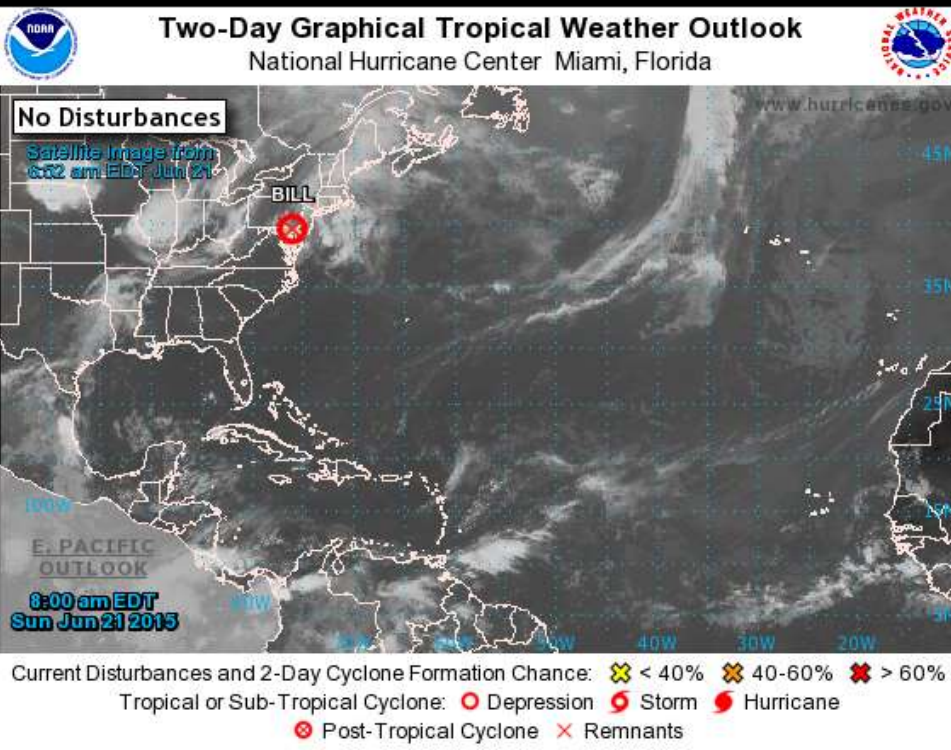
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



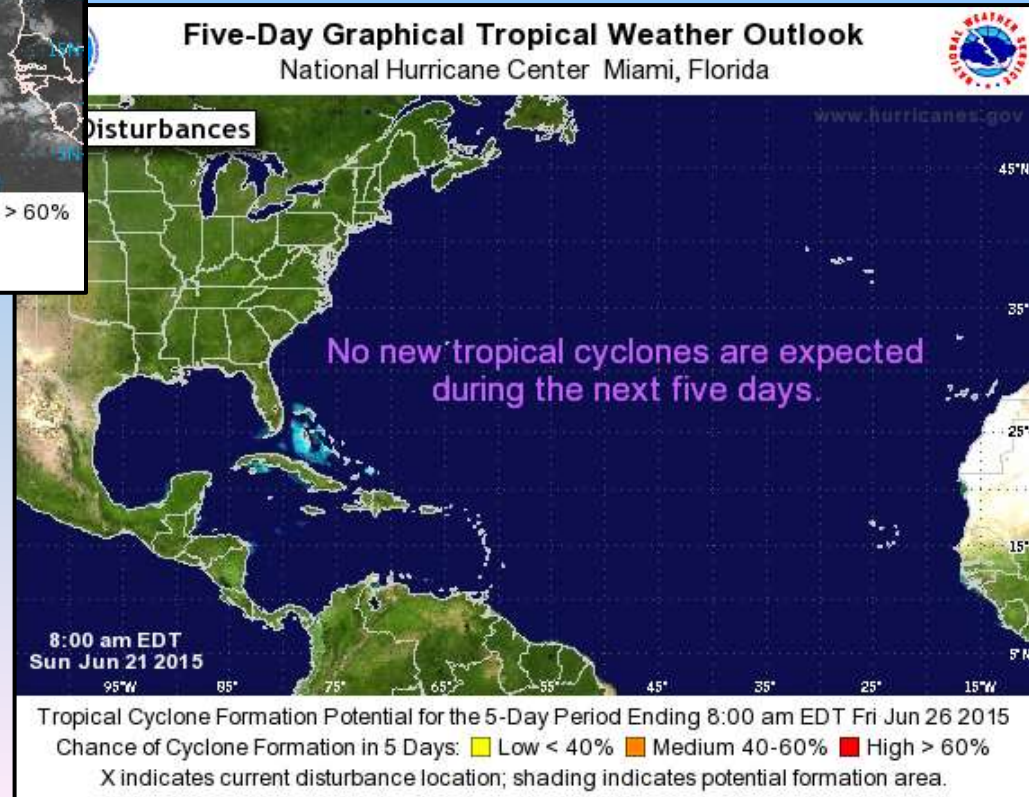
Weather "Threat" Matrix

| Color | Definition | Criteria | Example(s) |
|---------------|--|--|---|
| Green | Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

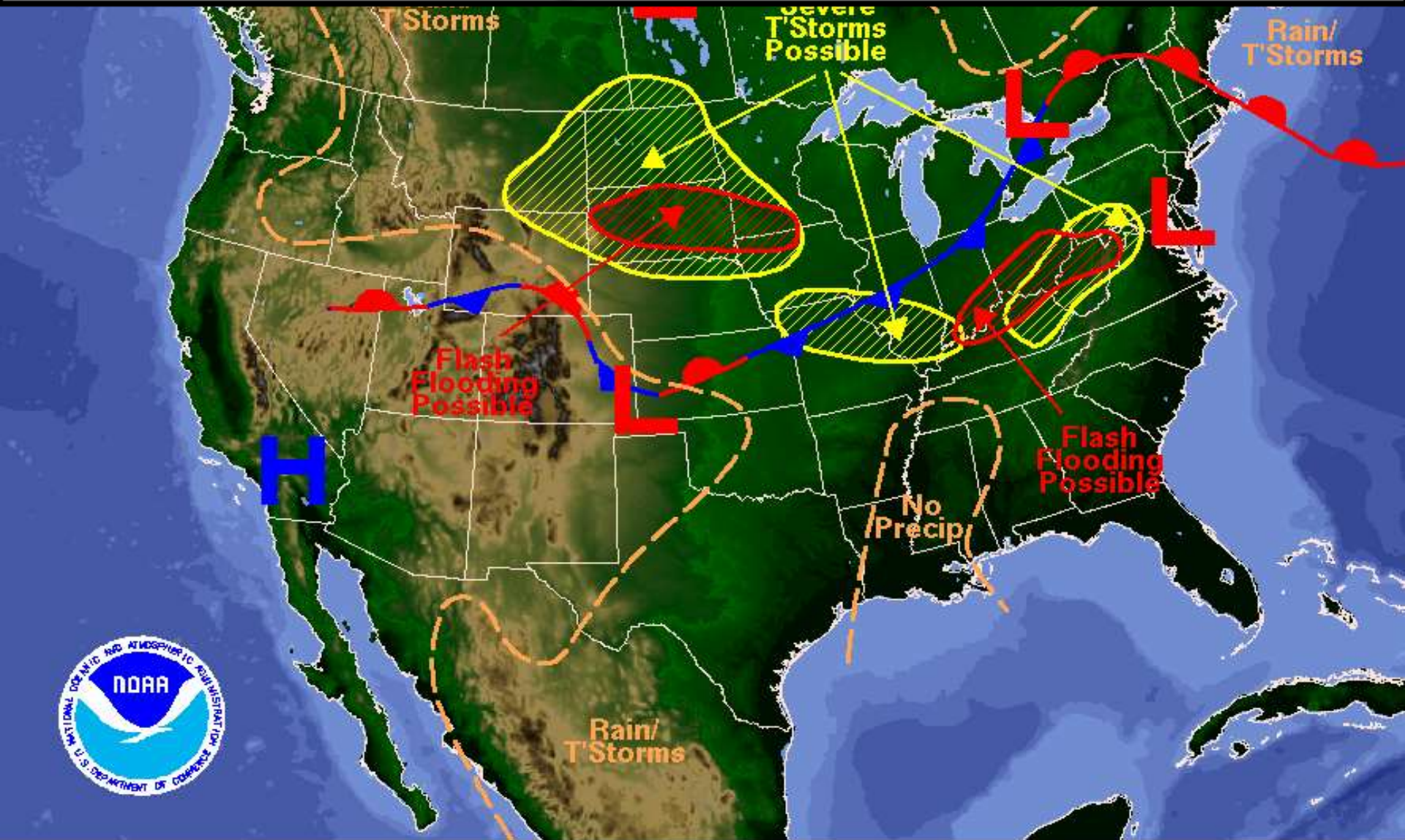
Atlantic/Gulf Tropical Weather Outlook



Tropical cyclone formation is not expected during the next five days.



Today's Weather



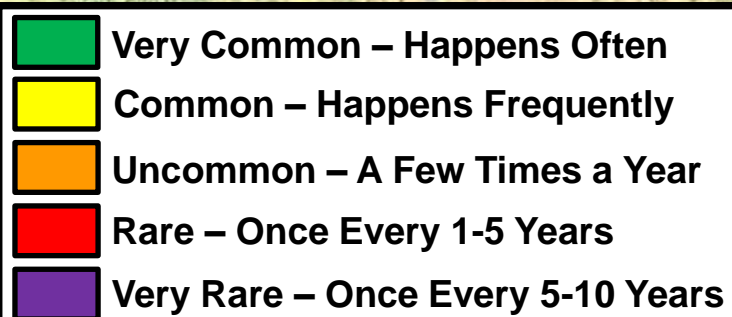
Weather Forecast for Sun, Jun 21, 2015, issued 4:43 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Sun - 0800 Mon



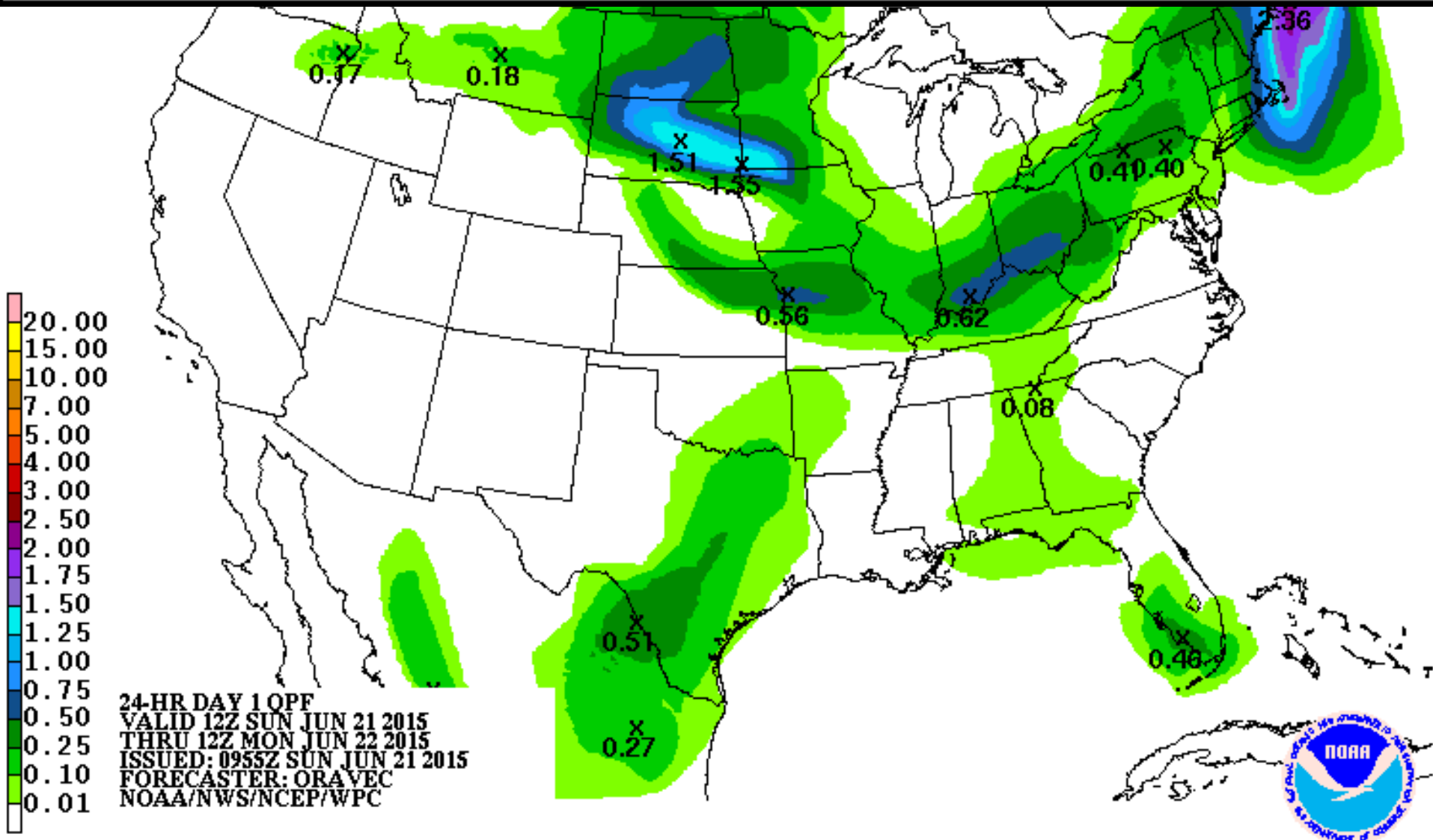
**No significant weather
expected**



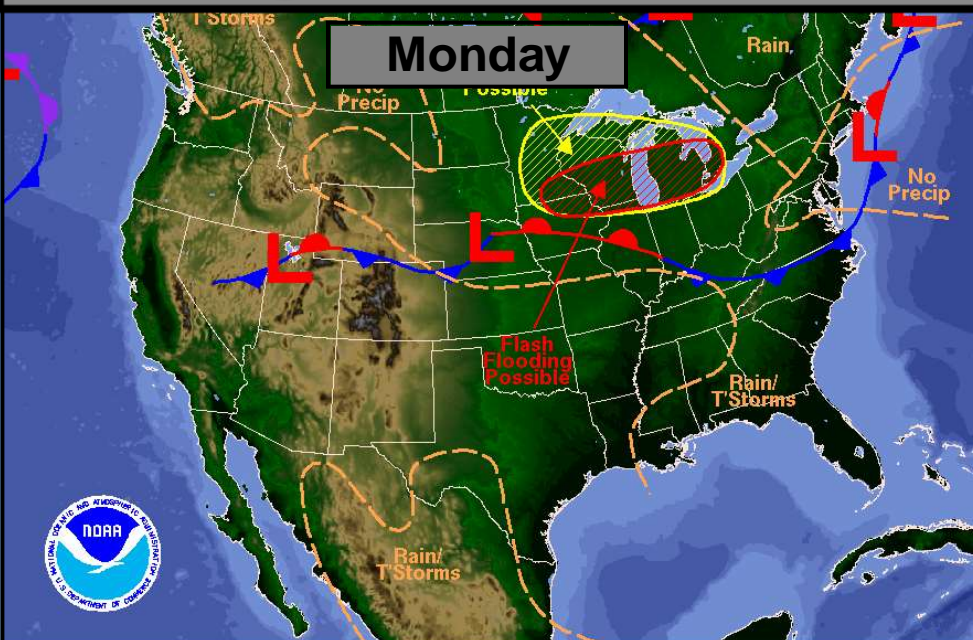
**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

Today's Precipitation

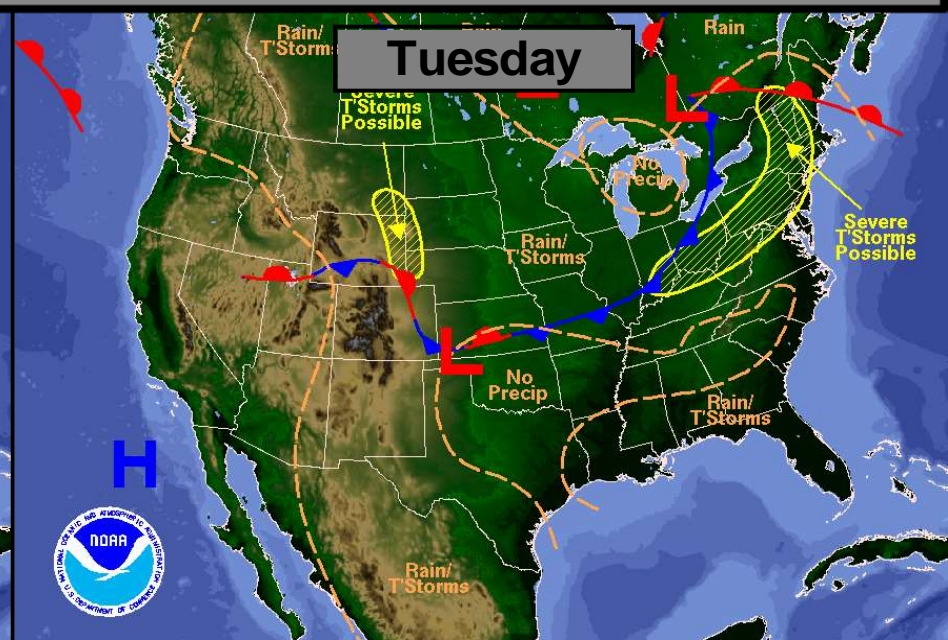
Sun AM - Mon AM



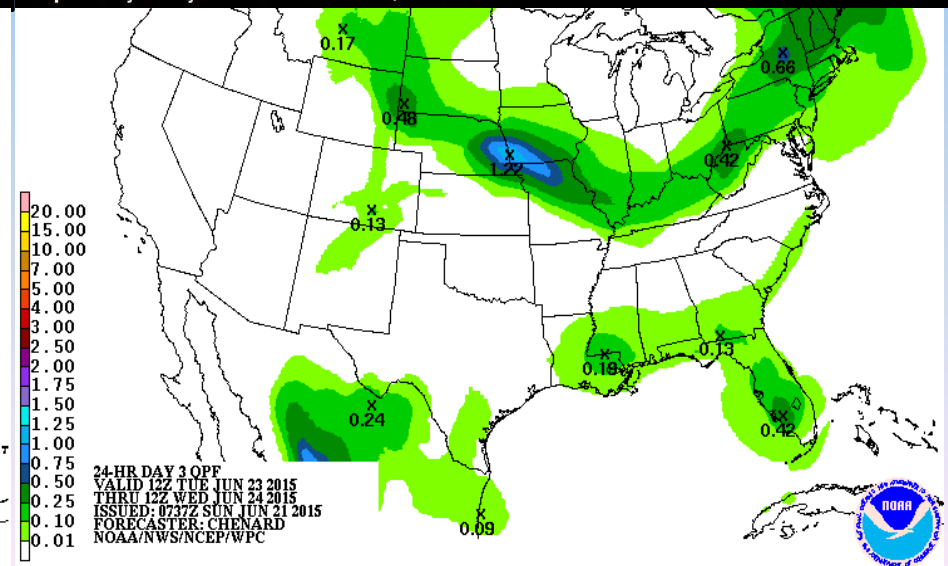
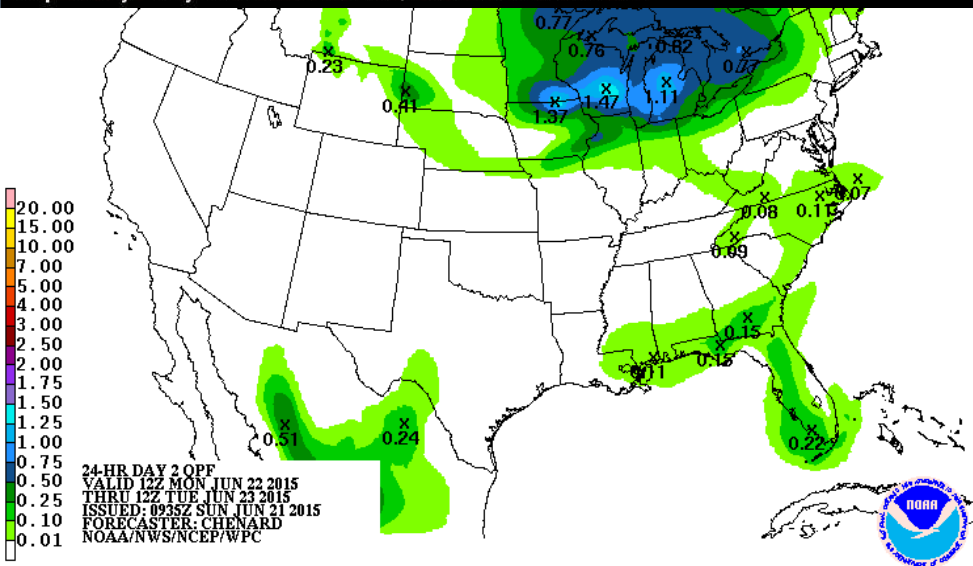
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Mon, Jun 22, 2015, issued 4:52 AM EDT Sun, Jun 21, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

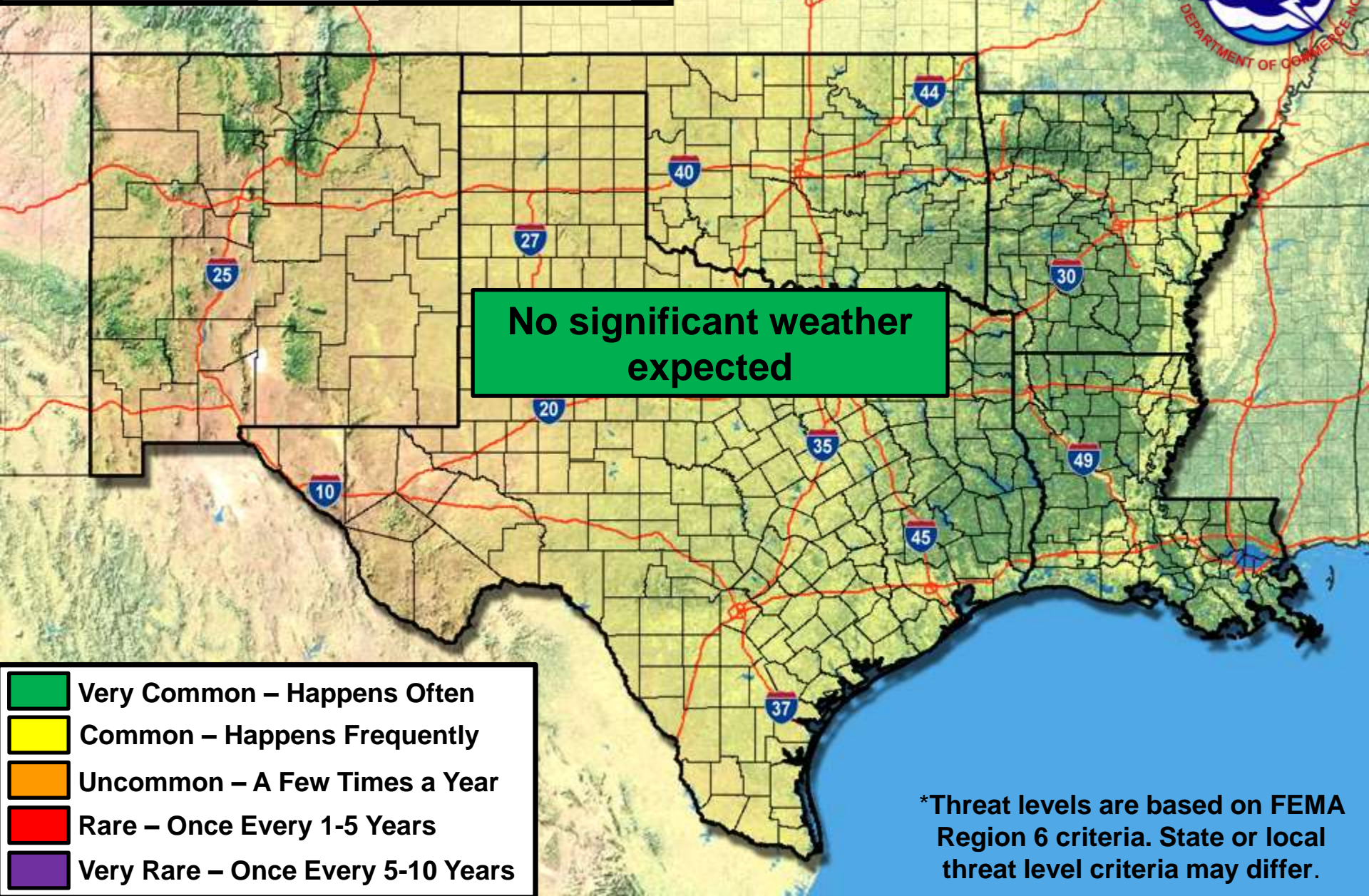


Weather Forecast for Tue, Jun 23, 2015, issued 4:57 AM EDT Sun, Jun 21, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts








Day 2-3 Weather Hazards

Valid: 0800 Mon - 0800 Wed



No significant weather expected

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-  Common – Happens Frequently
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-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

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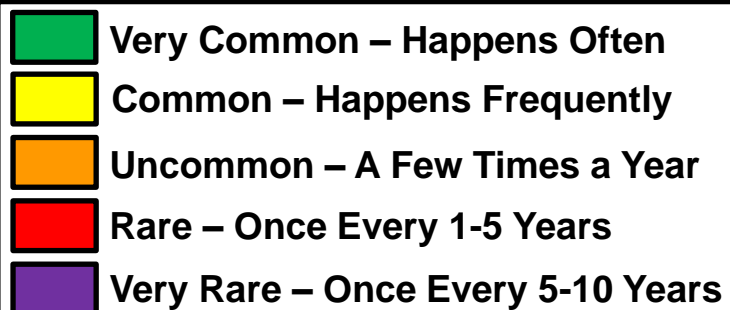
Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



An increase in
thunderstorm
activity expected
Wednesday over
NM; isolated areas
of heavy rain
possible

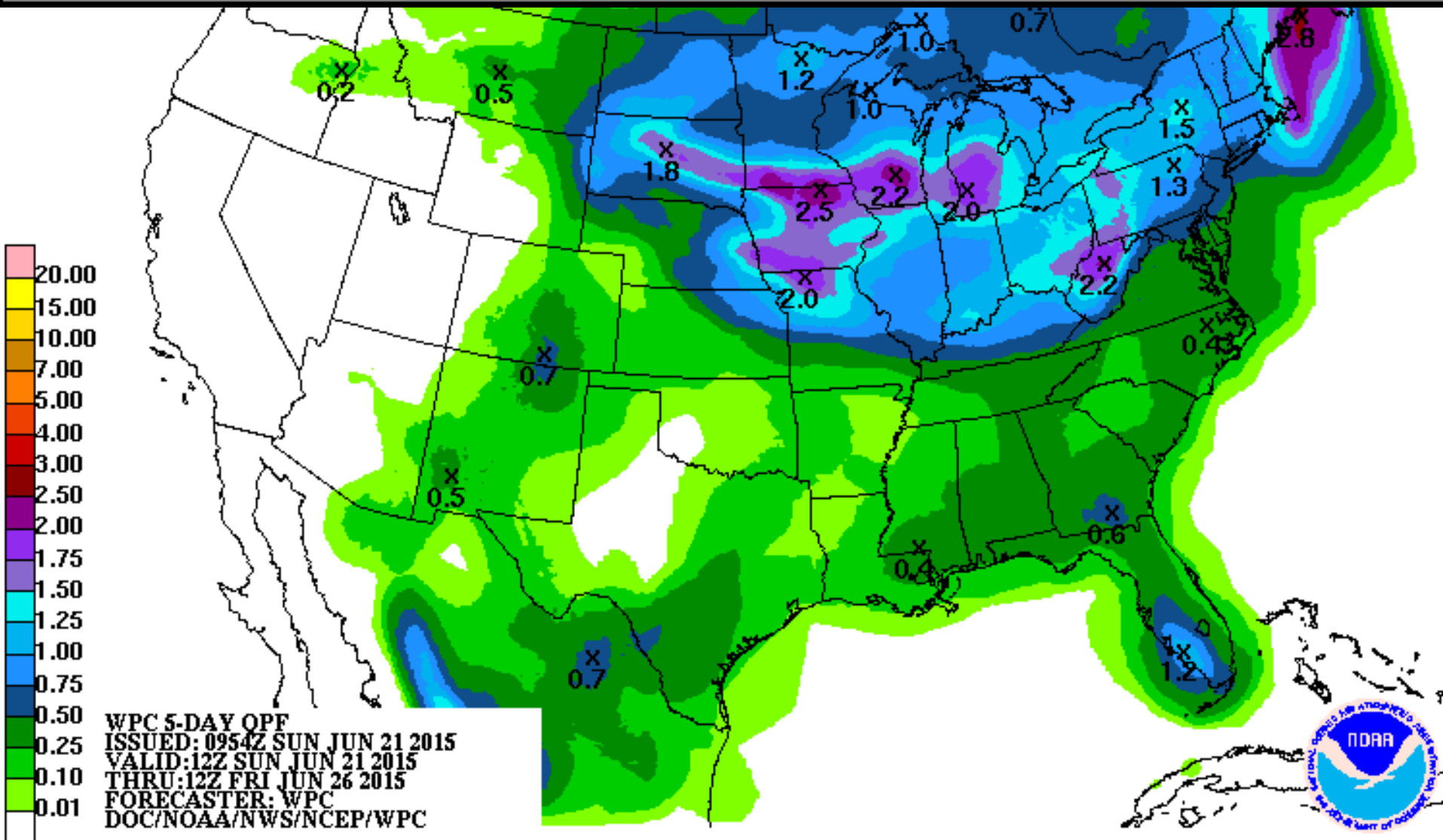
No significant weather
expected



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5-Day Precipitation

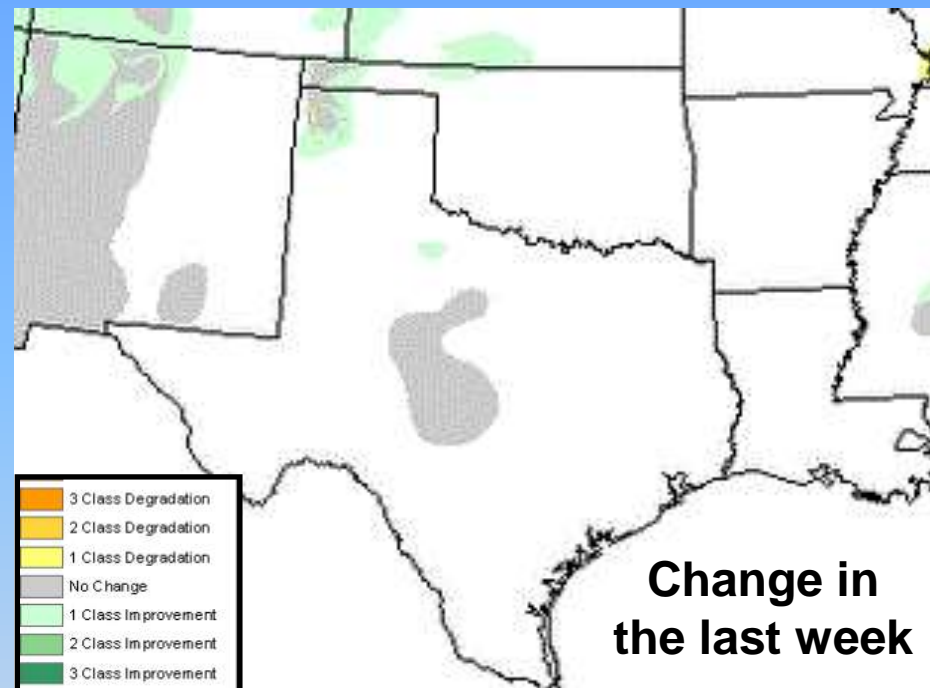
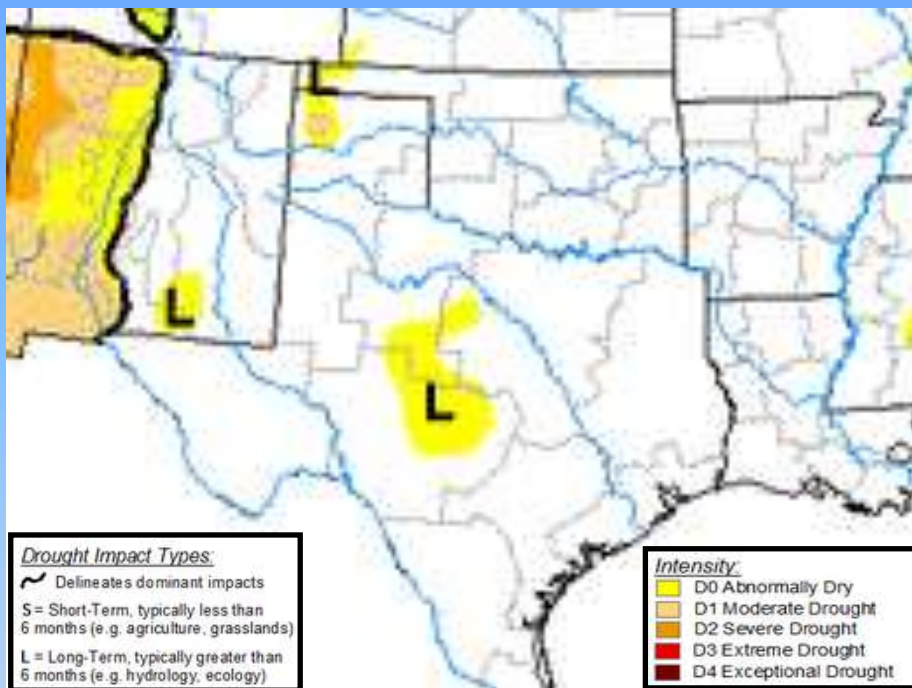
Sun AM - Fri AM





Drought Monitor Released June 18th, 2015

Data valid as of Tuesday, June 16th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

| State | Current | Last Week | 3 Months Ago | 1 Year Ago |
|------------|---------|-----------|--------------|------------|
| Oklahoma | 0.00% | 0.00% | 31.72% | 48.47% |
| Texas | 0.00% | 0.00% | 14.48% | 21.50% |
| New Mexico | 0.00% | 0.00% | 0.00% | 29.24% |
| Arkansas | 0.00% | 0.00% | 0.00% | 0.00% |
| Louisiana | 0.00% | 0.00% | 0.00% | 0.00% |

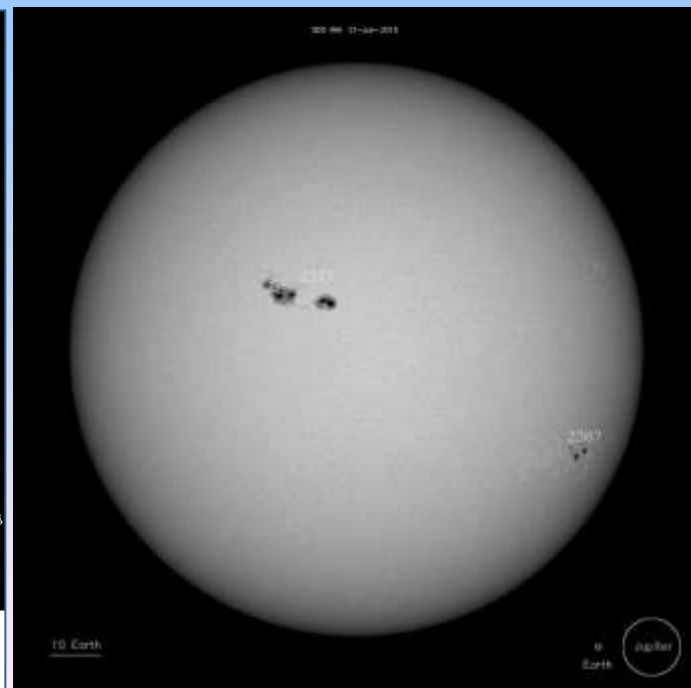
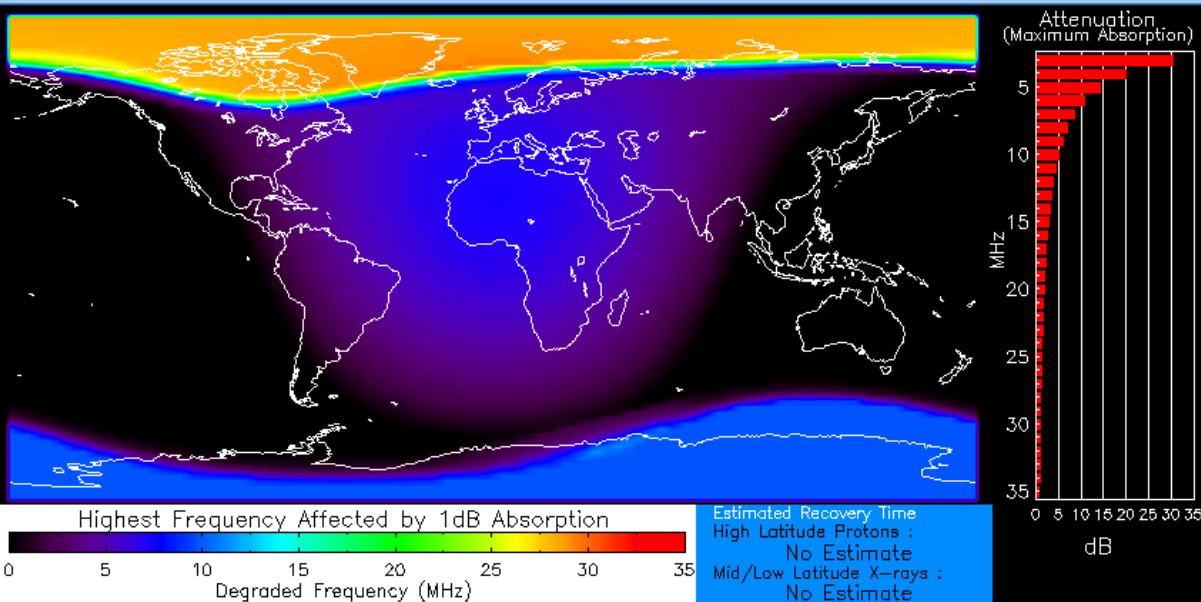
Space Weather 3-Day Forecast



| | Sunday | Monday | Tuesday |
|-------------------------------|---------------------------------|-------------------------------|-------------------------------|
| Geomagnetic Storms | Quiet to Unsettled (Max Kp = 3) | Minor (G1) Storm (Max Kp = 5) | Minor (G1) Storm (Max Kp = 5) |
| Solar Radiation Storm (S1-S5) | 40% | 40% | 40% |
| Radio Blackout (R1-R2) | 70% | 70% | 60% |
| Radio Blackout (R3-R5) | 15% | 15% | 10% |

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2015-06-21 11:56 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

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